Claims:

1. A toothbrush comprises a toothbrush head (1), a toothbrush bar (2), and a toothpaste container (3) which is connected with the toothbrush bar (2), wherein the toothbrush bar (2) has a pipe channel (21), and the toothbrush container (3) is communicated with the toothbrush head (1) through the pipe channel (21) via a first valve, characterized in that, the toothbrush bar (2) is hinged with the toothbrush container (3) by a spherical hinged joint (4) formed by the end of the toothbrush bar (2), and the spherical hinged joint (4) controls the opening or closing of the first valve.

2. A toothbrush according to claim 1, characterized in that, said toothbrush container (3) is a pressurized container.

3. A toothbrush according to claim 1, characterized in that, said toothbrush container (3) is a gas-filled container with a gas nipple (32) at the bottom of the container, and wherein a toothpaste bag (33), which is a compressible soft bag, is located inside the container.

4. A toothbrush according to claim 1, characterized in that, inside said toothbrush head (1) is further provided with a vane valve (11) for controlling the opening or closing of the pipe channel (21).

5. A toothbrush according to claim 1, 2, 3 or 4, characterized in that, said spherical hinged joint (4) has at least a protruding lip (41) located at its rear end, and the protruding lip (41) controls the opening or closing of the first valve when the toothbrush bar (2) is rotated with respect to the toothbrush container (3).

6. A toothbrush according to claim 1, 2, 3 or 4, characterized in that, said spherical hinged joint (4) is equipped with a leakproof ring (42).

7. A toothbrush according to claim 1, 2, 3 or 4, characterized in that, a positioning spring (43) is provided to enable a reset of the toothbrush bar by a relative rotation between the toothbrush bar (2) and the toothbrush container (3).

8. A toothbrush according to claim 1, 2, 3 or 4, characterized in that, an adjusting button (44) is provided for adjusting the relative slanting angle between the toothbrush bar (2) and the toothbrush container (3).

9. A toothbrush according to claim 5, characterized in that, said first valve is a ball valve (31) in which the ball (311) is disposed at the exit of the toothbrush container (3), and the protruding lip (41) drives the ball (311) to move when the toothbrush bar (2) is rotated.